

5.3.3 Residential Boiler Efficiencies (1)Gas-Fired Boilers

Average shipped in 1985 (2): 74% AFUE
Best Available in 1981: 81% AFUE
Best Available in 2007: 96% AFUE

Oil-Fired Boilers

Average shipped in 1985 (2): 79% AFUE
Best Available in 1981: 86% AFUE
Best Available in 2007: 89% AFUE

Note(s): 1) Federal appliance standards effective Jan. 1, 1992, require a minimum of 80% AFUE (except gas-fired steam boiler, which must have a 75% AFUE or higher). 2) Includes furnaces.

Source(s): GAMA, Consumer's Directory of Certified Efficiency Ratings for Residential Heating and Water Heating Equipment, Aug. 2005, p. 88 and 106 for best-available AFUE; and GAMA for 1985 average AFUEs; GAMA Tax Credit Eligible Equipment: Gas- and Oil-Fired Boilers 95% AFUE or Greater, May 2007; and GAMA Consumer's Directory of Certified Efficiency Ratings for Heating and Water Heating Equipment, May 2007.